

DIVISION OF OIL, GAS, AND MINING
BOND ESTIMATE

OPERATOR: Cotter Corporation
MINE NAME: Thornburg Memorial Mine - ACT/019/006
LOCATION: Secs. 27, 28, T. 24 S., R. 20 E.
COUNTY: Grand County, Utah
DATE: October 17, 1977

| | Operation | Amount | Rate | Cost |
|----|---|------------------------------|-----------|-------------|
| A. | CLEAN-UP | | | |
| | 1. Removal of structures & equipment. | 1,500.00 | 1,500.00 | \$ 1,500.00 |
| | 2. Removal of trash & debris. | | | |
| | 3. Leveling of ancillary facilities pads and access roads. | | | |
| B. | REGRADEING & RECONTOURING | | | |
| | 1. Earthwork including haulage and grading of spoils, waste and overburden. | 3 days with 1 D-8 Cat | 75.00/hr | 1,800.00 |
| | 2. Recontouring of highwalls and excavations. | | | |
| | 3. Spreading of soil or surficial materials. | | | |
| C. | STABILIZATION | | | |
| | 1. Soil preparation, scarification, fertilization, etc. | scarifying 18 acres | 25.00/ac | 450.00 |
| | 2. Seeding or planting. | seeding and | | |
| | 3. Construction of terraces, water-bars, etc. | fertilizing 18 acres | 200.00/ac | 3,600.00 |
| D. | LABOR | | | |
| | 1. Supervision. | 24 hours | 10.00/hr | 240.00 |
| | 2. Labor exclusive of bulldozer time. | | | |
| E. | SAFETY | | | |
| | 1. Erection of fences, portal coverings, etc. | 3 earth fill portal plugs | 300 @ | 900.00 |
| | 2. Removal or neutralization of explosive or hazardous materials. | | | |
| F. | MONITORING | | | |
| | 1. Continuing or periodic monitoring, sampling & testing deemed necessary. | 3 division inspections | 50 @ | 150.00 |
| G. | OTHER | | | |
| | 1. Inflation 5%/yr. for 15 years | (mult. factor = 2.0789) | | 8,640.00 |
| | | | | 9,321.00 |
| | | | | \$17,961.00 |
| | | | | Sub-Total |
| | | | | Total |